

PIPE CONNECTING ASSEMBLY AND METHOD OF USE

Abstract of Disclosure

A pipe coupling assembly includes a first and a second pipe coupling member with the first coupling member including a cylindrical flange and a spherical convex seat portion, and the second coupling member including a cylindrical flange and a spherical concave seat portion. Each flange includes a first plurality of pivot notches. The coupling assembly further includes a first and a second cylindrical spring ring. Each spring ring includes a body having a first surface and an opposing second surface. The body includes a main bore and a plurality of bolt bores extending therethrough. A plurality of pivot bearings extend from the first surface with each pivot bearing configured to engage a pipe section flange notch. A plurality of bolt bore seats are located in the second surface and coaxially aligned with the bolt bores.

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Figures

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